



Weekly Crop & Weather Roundup



Northeastern Regional Field Office

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Week Ending October 20, 2013

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This report can be found on the Internet at www.nass.usda.gov/pa and click on "Pennsylvania Publications."

Fair Week for Field Work: Pennsylvania had an average of 4 days suitable for field work. Pennsylvania received a fair amount of rain showers this week. Soil moisture declined towards the end of the week. Corn and soybeans continue to be harvested. Excellent corn and soybean yields are being reported in some counties while average yields are being reported in some due to flooding in previous weeks. Barley and wheat planting are almost completed and potato harvesting is completed. Also, the fourth cutting of alfalfa and apple harvesting are almost completed, while grape harvesting is well underway. Looking ahead, temperatures in Pennsylvania are cooling with highs in the 50's and lows in the 30's. Field activities for the week include barley and wheat planting, apple and grape harvesting, applying fertilizer, mowing pastures, spraying herbicides and pesticides and applying lime to fields.

last year of 95% but ahead of the 5-year average of 90% harvested. Grapes are 61% harvested.

Crop Condition: Corn conditions are; 1% very poor, 2% poor, 9% fair, 47% good, and 41% excellent. Soybean conditions are; 0% very poor, 1% poor, 10% fair, 59% good, and 30% excellent. Pasture conditions are; 1% very poor, 6% poor, 34% fair, 47% good and 12% excellent.

Nationwide as of October 18, 2013: Warm conditions blanked the nation's heartland during the week, while unseasonably cool weather dominated the East and West. Most notably, temperatures averaged more than 10°F above normal in portions of the western Corn Belt. Excessive precipitation covered much of the Pacific Northwest during the week, with some areas receiving more than eight times the normal weekly total. Elsewhere, dry conditions promoted crop maturation in the Corn Belt. Corn: Ninety-six percent of the corn crop was at or beyond the dent stage by September 29. This was 4 percentage points behind last year and slightly behind the 5-year average. By week's end, 63 percent of the corn crop was mature, 30 percentage points behind last year and 7 points behind the 5-year average. Five percent of Iowa's corn crop had been harvested for grain or seed by week's end, 2 weeks behind normal. Nationally, 12 percent of the corn was harvested by week's end, 40 percentage points behind last year and 11 points behind the 5-year average. Overall, 55 percent of the corn crop was reported in good to excellent condition, unchanged from last week and 30 percentage points better than the same time last year. Soybeans: Sixty-seven percent of the crop was at or beyond the leaf-dropping stage by September 29. This was 16 percentage points behind last year and 7 points behind the 5-year average. In Minnesota, 73 percent of the crop was at or beyond the leaf-dropping stage, an increase of 27 percentage points from the previous week. Nationally, 11 percent of the soybean crop was harvested by week's end, 28 percentage points behind last year and 9 points behind the 5-year average. Overall, 53 percent of the soybean crop was reported in good to excellent condition, up 3 percentage points from last week but 18 points better than the same time last year. Winter Wheat: By week's end, producers had sown 39 percent of the nation's intended 2014 acreage, slightly ahead of last year's pace but slightly behind the 5-year average. Nationally, 12 percent of the winter wheat had emerged on September 29, identical to the same time last year but 3 percentage points behind the 5-year average.

PA Topsoil Moisture for Week Ending October 20, 2013

| Very Short | Short | Adequate | Surplus |
|------------|---------|----------|---------|
| Percent | Percent | Percent | Percent |
| 1 | 7 | 86 | 6 |

Crop Progress: Fall plowing is 71% plowed, which is behind progress at this time last year of 77% but ahead of the 5-year average of 61% plowed. Corn is 93% mature, which is behind progress at this time last year of 96% but ahead of the 5-year average of 91% dent. Corn harvested is 44% harvested, which is behind progress at this time last year of 56% but ahead of the 5-year average of 43% harvested. Corn silage is 95% harvested, which is equal to progress at this time last year of 95% but ahead of the 5-year average of 94% harvested. Barley is 88% planted, which is behind progress at this time last year of 92% but ahead of the 5-year average of 85% planted. Barley is 73% emerged, which is ahead of progress at this time last year of 55% and the 5-year average of 58% emerged. Winter wheat is 70% planted, which is behind progress at this time last year of 77% but ahead of the 5-year average of 66% planted. Winter wheat is 57% emerged, which is ahead of progress at this time last year of 41% and the 5-year average of 38% planted. Soybeans are 45% harvested, which is behind progress at this time last year of 49% but ahead of the 5-year average of 38% harvested. Potatoes are 99% harvested, which is equal to the progress at this time last year of 99% and ahead of the 5-year average of 96% harvested. Alfalfa fourth cutting is 92% cut, which is behind progress at this time last year of 97% and equal to the 5-year average of 92% cut. Apples are 91% harvested, which is behind progress at this time

Weather Data For Week Ending October 20, 2013

| Station | Last Week Weather Summary | | | | | | April 1 - October 20, 2013 | | | | | |
|----------------------|---------------------------|-----|---------|---------------|-------|------|----------------------------|-------|------|--------------|------|----------|
| | Temperature | | | Precipitation | | | Precipitation | | | GDD Base 50F | | Base 40F |
| | High | Low | Average | DFN | Total | Days | Total | DFN | Days | Total | DFN | Total |
| Northwest | | | | | | | | | | | | |
| Erie | 71 | 41 | 57 | 5 | 2.27 | 6 | 33.27 | 8.17 | 86 | 3,011 | 412 | 4,888 |
| Franklin_AG | 71 | 37 | 55 | 5 | 1.17 | 5 | 27.89 | 1.08 | 95 | 2,787 | 406 | 4,652 |
| Meadville-Port | 70 | 37 | 55 | 6 | 3.06 | 5 | 26.90 | -0.11 | 93 | 2,860 | 680 | 4,740 |
| Clarion | 67 | 34 | 53 | 4 | 1.73 | 6 | 29.23 | 1.26 | 95 | 2,418 | 24 | 4,255 |
| Springboro | 70 | 38 | 53 | 2 | 2.36 | 6 | 33.57 | 9.35 | 91 | 2,467 | -80 | 4,302 |
| Warren | 67 | 40 | 54 | 5 | 0.72 | 5 | 23.08 | -4.05 | 87 | 2,605 | 306 | 4,461 |
| North Central | | | | | | | | | | | | |
| Bradford Region | 63 | 35 | 51 | 6 | 1.75 | 6 | 22.94 | -4.01 | 98 | 2,290 | 643 | 4,120 |
| Oswayo | 66 | 31 | 51 | 4 | 1.87 | 4 | 23.42 | -2.24 | 82 | 1,935 | 111 | 3,713 |
| Kane | 64 | 37 | 51 | 7 | 1.88 | 6 | 26.62 | -0.94 | 87 | 1,944 | 337 | 3,730 |
| Laporte | 66 | 37 | 53 | 4 | 0.65 | 3 | 31.73 | 6.79 | 85 | 2,151 | -200 | 3,964 |
| Lock Haven | 74 | 37 | 56 | 6 | 0.40 | 4 | 22.12 | -2.34 | 76 | 2,913 | 411 | 4,803 |
| Coudersport_1SW | 66 | 30 | 51 | 4 | 1.91 | 5 | 25.02 | -0.64 | 95 | 2,047 | 223 | 3,845 |
| Renovo | 71 | 38 | 56 | 7 | 0.76 | 4 | 20.95 | -3.51 | 75 | 2,906 | 404 | 4,793 |
| Ridgway | 67 | 34 | 54 | 7 | 1.48 | 6 | 25.74 | -0.83 | 90 | 2,363 | 487 | 4,190 |
| Stevenson Dam | 71 | 37 | 54 | 8 | 1.01 | 2 | 22.63 | -3.94 | 73 | 2,682 | 806 | 4,542 |
| Towanda | 73 | 37 | 57 | 8 | 0.35 | 2 | 23.42 | 2.69 | 68 | 2,604 | 234 | 4,468 |
| Wellsboro | 68 | 36 | 53 | 7 | 1.05 | 4 | 25.68 | 4.79 | 87 | 2,096 | 330 | 3,918 |
| Williamsport | 72 | 36 | 57 | 6 | 0.73 | 2 | 20.08 | -4.16 | 68 | 3,242 | 484 | 5,173 |
| Northeast | | | | | | | | | | | | |
| Hawley | 73 | 34 | 54 | 6 | 0.22 | 3 | 28.41 | 4.92 | 78 | 2,328 | 307 | 4,154 |
| Wilkes-Barre/Sc | 73 | 40 | 58 | 8 | 0.31 | 2 | 16.44 | -6.38 | 69 | 3,124 | 509 | 5,038 |
| Susquehanna | 70 | 37 | 55 | 8 | 0.39 | 3 | 29.44 | 4.20 | 75 | 2,451 | 541 | 4,308 |
| West Central | | | | | | | | | | | | |
| Butler | 69 | 37 | 54 | 5 | 1.22 | 6 | 27.93 | 2.72 | 92 | 2,746 | 274 | 4,611 |
| New Castle | 68 | 37 | 54 | 5 | 1.14 | 5 | 25.81 | 2.63 | 84 | 2,853 | 376 | 4,730 |
| Slippery Rock | 71 | 36 | 54 | 6 | 1.46 | 5 | 25.81 | 1.10 | 78 | 2,948 | 730 | 4,818 |
| Central | | | | | | | | | | | | |
| Altoona/Blair | 70 | 37 | 55 | 5 | 0.49 | 3 | 20.43 | -1.76 | 86 | 3,030 | 401 | 4,943 |
| DuBois | 67 | 36 | 54 | 6 | 1.51 | 4 | 21.55 | -3.81 | 79 | 2,823 | 564 | 4,700 |
| Lewistown | 75 | 38 | 57 | 5 | 0.47 | 2 | 21.96 | -1.76 | 75 | 3,286 | 396 | 5,223 |
| Middletown | 71 | 41 | 59 | 5 | 0.50 | 2 | 29.22 | 5.59 | 80 | 3,594 | 320 | 5,559 |
| Prince Gallitzi | 69 | 32 | 53 | 5 | 0.42 | 4 | 24.08 | -4.32 | 80 | 2,588 | 477 | 4,455 |
| Selinsgrove | 73 | 39 | 57 | 7 | 0.47 | 2 | 26.95 | 2.20 | 71 | 2,978 | 290 | 4,896 |
| State College | 69 | 39 | 55 | 5 | 0.30 | 3 | 25.20 | 2.80 | 75 | 2,943 | 361 | 4,851 |
| East Central | | | | | | | | | | | | |
| Allentown-Bethel | 74 | 37 | 57 | 5 | 0.10 | 2 | 31.10 | 5.41 | 73 | 3,323 | 338 | 5,272 |
| Lehighton | 72 | 37 | 56 | 5 | 0.18 | 1 | 28.23 | 2.52 | 74 | 2,722 | -153 | 4,642 |
| Matamoras | 73 | 39 | 56 | 6 | 0.22 | 2 | 29.84 | 3.96 | 77 | 2,863 | 280 | 4,773 |
| Mt_Pocono | 70 | 34 | 53 | 7 | 0.21 | 1 | 31.40 | 3.61 | 72 | 2,404 | 667 | 4,239 |
| Southwest | | | | | | | | | | | | |
| Pittsburgh/Alle | 70 | 38 | 55 | 5 | 0.96 | 6 | 26.48 | 3.05 | 86 | 3,337 | 684 | 5,269 |
| Indiana_PA | 70 | 36 | 54 | 4 | 0.98 | 5 | 28.59 | 1.18 | 101 | 2,957 | 389 | 4,854 |
| Myersdale | 68 | 30 | 54 | 4 | 0.62 | 3 | 28.49 | 1.83 | 93 | 2,286 | -182 | 4,122 |
| Chalk_Hill | 69 | 36 | 54 | 3 | 0.73 | 5 | 33.20 | 7.41 | 95 | 2,325 | -508 | 4,159 |
| Pittsburgh Intl | 71 | 40 | 57 | 5 | 0.81 | 6 | 23.33 | 1.44 | 80 | 3,330 | 552 | 5,250 |
| Connellsville | 73 | 38 | 58 | 7 | 0.95 | 5 | 33.94 | 8.15 | 112 | 3,076 | 243 | 4,979 |
| Waynesburg | 73 | 36 | 56 | 6 | 0.81 | 5 | 25.57 | 1.76 | 92 | 2,876 | 311 | 4,768 |
| South Central | | | | | | | | | | | | |
| Biglerville | 72 | 38 | 57 | 4 | 0.73 | 3 | 26.97 | 4.42 | 73 | 3,331 | 131 | 5,279 |
| Everett | 69 | 31 | 53 | 2 | 0.45 | 3 | 20.32 | -1.39 | 82 | 2,667 | 42 | 4,558 |
| Hanover | 73 | 39 | 56 | 3 | 0.35 | 4 | 26.15 | 3.60 | 85 | 3,214 | 14 | 5,160 |
| Harrisburg_AP | 71 | 39 | 58 | 5 | 0.32 | 3 | 29.10 | 5.47 | 81 | 3,574 | 290 | 5,544 |
| South Mountain | 68 | 37 | 53 | 3 | 0.44 | 3 | 30.46 | 8.27 | 85 | 2,617 | -3 | 4,513 |
| York | 73 | 38 | 58 | 4 | 0.34 | 4 | 32.01 | 8.13 | 79 | 3,334 | 138 | 5,268 |
| Southeast | | | | | | | | | | | | |
| Green Lane | 73 | 40 | 57 | 6 | 0.12 | 2 | 30.19 | 5.32 | 77 | 3,281 | 430 | 5,230 |
| Hamburg | 73 | 39 | 57 | 7 | 0.50 | 2 | 27.72 | -1.13 | 84 | 3,228 | 645 | 5,173 |
| West_Chester | 74 | 40 | 57 | 4 | 0.32 | 2 | 38.25 | 11.10 | 74 | 3,239 | 54 | 5,181 |
| Lancaster | 71 | 39 | 57 | 5 | 0.18 | 2 | 27.12 | 1.98 | 72 | 3,331 | 310 | 5,271 |
| Neshaminy Falls | 74 | 40 | 57 | 5 | 0.09 | 3 | 30.08 | 1.39 | 70 | 3,449 | 470 | 5,411 |
| New Holland | 74 | 42 | 58 | 6 | 0.36 | 2 | 30.12 | 4.98 | 67 | 3,522 | 501 | 5,488 |
| Philadelphia | 74 | 48 | 62 | 6 | 0.08 | 2 | 37.10 | 12.81 | 68 | 4,061 | 560 | 6,049 |
| Philadelphia NE | 73 | 43 | 60 | 5 | 0.09 | 2 | 27.56 | 3.27 | 74 | 3,804 | 303 | 5,773 |
| Reading | 74 | 40 | 59 | 7 | 0.17 | 2 | 28.22 | 1.50 | 73 | 3,620 | 661 | 5,591 |
| Sellersville | 73 | 37 | 56 | 5 | 0.12 | 2 | 33.03 | 8.16 | 70 | 3,078 | 227 | 5,006 |
| Doylestown_AG | 73 | 40 | 57 | 5 | 0.10 | 2 | 34.19 | 5.50 | 72 | 3,414 | 435 | 5,372 |

DFN = Departure from normal (using 1961-90 normals period).

Precipitation (rainfall or melted snow or ice) and pan evaporation in inches.

Precipitation days = days with precipitation of .01 inch or more.

Air temperatures in degrees fahrenheit.

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REPORTERS COMMENTS, By County

Reporters are from Extension Service (Ext), Natural Resources Conservation Service (NRCS), Farm Service Agency (FSA), Conservation District (CD), farmers, commodity specialists, or other knowledgeable individuals.

ADAMS County, Judy A Behney

The majority of Adams County saw a large amount of rainfall in the past several weeks. Temperatures are cooling overall in the last couple of weeks. Some drying out of soil conditions have occurred this week. Some producers are in their fields harvesting and it all depends on soil conditions and whether fields were no-tilled or not.

Corn and soybeans continue to be harvested in the county. Good yields are being reported. Some silage was still being cut this week. Corn and soybeans are drying down nicely. Storage of corn and soybeans will be short this year so that will create havoc at mills for delivering the grain. Barley and wheat have been and will still be seeded when soil conditions permit. There is barley and wheat that are emerged that is looking green now in the fields. Not much hay made this week. Apples continue to be harvested. Good yields are being reported by most producers. Producers are saying that they are short on pickers this year and are taking longer to harvest. Prices of apples are much lower than last year when some states did not have much of a crop. Other vegetables are about done. Pumpkin yields have been pretty good this year in most cases. Overall the producers are still busy in the fields harvesting and planting as conditions permit. Days are getting shorter as we will soon be changing our clocks.

CLARION County, Tom Tanner

Many tons of lime spread. Harvesting soybeans and some corn

CENTRE County, Dick Decker

Some field work possible during the week between showers etc. 1/2 inch of rainfall in my gauge.

FRANKLIN County, Thomas Kerr

Nearly 8 inches of rain last week and a few showers this week has slowed any field activity. Apples are nearing completion and quality and yield have been

average.

LANCASTER County, Jeff Graybill

Several NCGA and PA 5 acre corn yield checks running in the Mid 260 BU range! Beans in the mid 80 Bu's!! May have a county wide highest yield for corn this year.

LEBANON County, Charlene Zeigler

Since the last report, there has been more summer weather, rainy days that equaled over 3 inches of rain depending on the location in the county and more seasonal weather. The rain left fields swamped and muddy and unable to take equipment into them to do anything until the end of this week. Soybeans are not drying as rapidly as they were a few weeks ago because of all the moisture still left in the soil. This is preventing the harvest. Harvest of shelled corn has begun again.

SNYDER County, William C. Sheaffer

Recent rains and showers have slowed the progress of corn and soybean harvest; however, the fall seeded crops have benefitted from the moisture. The main activities for the week were harvesting, and seeding.

SUSQUEHANNA County, Jim Garner

Several frosts to date. NWS has declared growing season officially over in Susquehanna Co.

WESTMORELAND County, John Lohr

Excellent corn and soybean yields are being report. The huge harvest is expected to take longer than normal. Fortunately weather and field conditions have been favorable for an early start to the harvest season.

WESTMORELAND County, Tom Sierzega

Cloudy, drizzly week for the most part. The limited sunshine days allowed for continued harvest of grain crops and some fall plowing.

PA Crop Progress for Week Ending October 20, 2013

| Crop | Current Week | Last Year | 5-Year Average |
|------------------------|----------------|----------------|----------------|
| | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| Fall plowing | 71 | 77 | 61 |
| Corn, mature | 93 | 96 | 91 |
| Corn, harvested | 44 | 56 | 43 |
| Corn silage, harvested | 95 | 95 | 94 |
| Barley, planted | 88 | 92 | 85 |
| Barley, emerged | 73 | 55 | 58 |
| Wheat, planted | 70 | 77 | 66 |
| Wheat, emerged | 57 | 41 | 38 |
| Soybeans, harvested | 45 | 49 | 38 |
| Alfalfa, 4th cutting | 92 | 97 | 92 |
| Apples, harvested | 91 | 95 | 90 |
| Grapes, harvested | 61 | na | na |

PA Crop Condition for Week Ending October 20, 2013

| Crop | Very Poor | Poor | Fair | Good | Excellent |
|----------|----------------|----------------|----------------|----------------|----------------|
| | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> | <i>Percent</i> |
| Corn | 1 | 2 | 9 | 47 | 41 |
| Soybeans | 0 | 1 | 10 | 59 | 30 |
| Pasture | 1 | 6 | 34 | 47 | 12 |

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